



Attorney's Docket No.: 03764.P025

TFW 3735
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

Eric D. Peterson, et al.

Examiner: John P. Lacyk

Application No: 09/506,081

Art Unit: 3735

Filing Date: February 16, 2000

For: MULTI-LUMEN FLUTED
BALLOON RADIATION CENTERING
CATHETER

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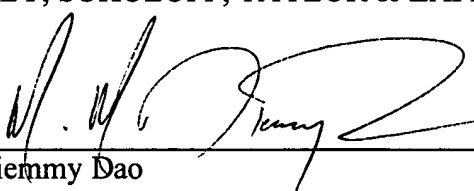
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Respectfully submitted,

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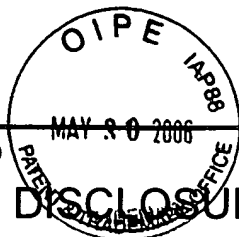


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Sheet	1	of	5	Attorney Docket Number	03764.P025
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		STUART LINDSAY et al., "Aortic Arteriosclerosis in The Dog After Localized Aortic X-Irradiation", <u>Circulation Research</u> , Vol. X, pp. 51-60, January 1962.			
		MEYER FRIEDMAN et al., "The Antiatherogenic Effect of Iridium ¹⁹² Upon the Cholesterol-Fed Rabbit", <u>Journal of Clinical Investigation</u> , Vol. 43, No. 2, pp. 185-192, 1964.			
		MEYER FRIEDMAN et al., "Effect of Iridium ¹⁹² Radiation on Thromboatherosclerotic Plaque in the Rabbit Aorta", <u>Arch Path</u> , Vol. 80, pp. 285-290, September 1965.			
		PAUL JACK HOOPES, D.V.M., Ph.D., et al., "Intraoperative Irradiation of the Canine Abdominal Aorta and Vena Cava", <u>Int. J. Radiation Oncology Biol. Phys.</u> , Vol. 13, pp. 715-722, May 1987.			
		JOHN T. DAWSON, JR., M.D., "Theoretic Considerations Regarding Low-Dose Radiation Therapy", <u>Texas Heart Institute Journal</u> , Vol. 18, No. 1, pp. 4-7, 1991.			
		ROBERT S. SCHWARTZ, M.D., et al., "Effect of External Beam Irradiation on Neointimal Hyperplasia After Experimental Coronary Artery Injury", <u>JACC</u> , Vol. 19, No. 5, pp. 1106-1113, April 1992.			
		JOSEPH G. WIEDERMANN, M.D., et al., "Intracoronary Irradiation Markedly Reduces Restenosis After Balloon Angioplasty in a Porcine Model", <u>JACC</u> , Vol. 23, No. 6, pp. 1491-1498, May 1994.			
		TIM A. FISCHHELL, M.D., et al., "Low-Dose B-Particle Emission from 'Stent' Wire Results in Complete, Localized Inhibition of Smooth Muscle Cell Proliferation", <u>Circulation</u> , Vol. 90, No. 6, pp. 2956-2963, December 1994.			
		MARIA G. M. HUNINK, M.D., et al., "Risks and Benefits of Femoropopliteal Percutaneous Balloon Angioplasty", <u>Journal of Vascular Surgery</u> , Vol. 17, No. 1, pp. 183-194, January 1993.			
		RON WAKSMAN, M.D., et al., "Endovascular Low-Dose Irradiation Inhibits Neointima Formation After Coronary Artery Balloon Injury in Swine", <u>Circulation</u> , Vol. 91, No. 5, pp. 1533-1539, March 1, 1995.			
		Z. WESHLER et al, "Inhibition by Irradiation of Smooth Muscle Cell Proliferation in the De-Endothelialized Rat Aorta", <u>Frontiers in Radiation Biology</u> , pp. 133-138, October 1988.			

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		C. HEHRLEIN et al., "Radioactive Stents", <u>Discoveries in Radiation for Restenosis</u> , Abstract 22, pp. 63-64, January 1996.			
		TIM A. FISCHER, M.D., et al., "A Beta-Particle Emitting Radioisotope Stent for the Prevention of Restenosis", <u>Discoveries in Radiation for Restenosis</u> , Abstract 23, p. 65, January 1996.			
		ALEXANDER N. LI et al., "A Novel Brachytherapy Source for Treatment of Coronary Artery Restenosis," <u>Discoveries in Radiation for Restenosis</u> , Abstract 24, pp. 67-72, January 1996.			
		RON WAKSMAN, M.D., "Catheter-Based Radiation in Stented Arteries", <u>Discoveries in Radiation for Restenosis</u> , Abstract 25, pp. 73-74, January 1996.			
		LOUIS G. MARTIN, M.D., "Radiation for Peripheral Applications: Technical Aspects", <u>Discoveries in Radiation for Restenosis</u> , Abstract 27, pp. 81-82, January 1996.			
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		B. SCHOPHOL et al., "Endovascular Irradiation for Avoidance or Recurrent Stenosis After Stent Implantation in Peripheral Arteries-5 years Follow-up", <u>Discoveries in Radiation for Restenosis</u> , Abstract 29, pp. 89-92, January 1996.			
		RON WAKSMAN, M.D., "Radiation in the Peripheral System at Emory", <u>Discoveries in Radiation for Restenosis</u> , Abstract 30, pp. 93-94, January 1996.			
		SPENCER B. KING III, M.D., "Clinical Restenosis Trials Using Beta Energy Radiation", <u>Discoveries in Radiation for Restenosis</u> , Abstract 32, pp. 101-102, January 1996.			
		PHILIP URBAN, M.D., et al., "Endovascular Irradiation with 90Y Wire", <u>Discoveries in Radiation for Restenosis</u> , Abstract 33, pp. 103-104, January 1996.			
		JOSE A. CONDADO et al., "Late Follow-up After Percutaneous Transluminal Coronary Angioplasty (PTCA) and Intracoronary Radiation Therapy (CRT)", <u>Discoveries in Radiation for Restenosis</u> , Abstract 34, p. 105, January 1996.			

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		THOMAS D. WELDON, "Catheter Based Beta Radiation System", <u>Discoveries in Radiation for Restenosis</u> , Abstract 35, p. 111, January 1996.	
		ERIC VAN'T HOOFT et al., "HDR Afterloader for Vascular Use", <u>Discoveries in Radiation for Restenosis</u> , Abstract 36, p. 113, January 1996.	
		ROBERT E. FISCHHELL et al., "The Radioisotope Stent: Conception and Implementation", <u>Discoveries in Radiation for Restenosis</u> , Abstract 37, p. 115, January 1996.	
		YOURI POPOWSKI, M.D., et al., "Radioactive Wire in Self-Centering Catheter System", <u>Discoveries in Radiation for Restenosis</u> , Abstract 38, pp. 117-118, January 1996.	
		RICHARD V. CALFEE, Ph.D., "High Dose Rate Afterloader System for Endovascular Use-Neocardia", <u>Discoveries in Radiation for Restenosis</u> , Abstract 39, p. 119, January 1996.	
		DR. EDWARD F. SMITH III, "Issues on Handling Radioactive Devices to Prevent Restenosis", <u>Discoveries in Radiation for Restenosis</u> , Abstract 40, pp. 121-122, January 1996.	
		RICHARD E. KUNTS, M.D., et al., "Generalized Model of Restenosis After Conventional Balloon Angioplasty, Stenting and Directional Atherectomy", <u>JACC</u> , Vol. 21, No. 1, pp. 15-25, January 1993.	
		ROBERT S. SCHWARTZ et al., "Differential Neointimal Response to Coronary Artery Injury in Pigs and Dogs", <u>Arteriosclerosis and Thrombosis</u> , Vol. 14, No. 3, pp. 395-400, March 1994.	
		MICHAEL HAUDE, M.D., et al., "Quantitative Analysis of Elastic Recoil after Balloon Angioplasty and After Intracoronary Implantation of Balloon-Expandable Palmaz-Schatz Stents", <u>JACC</u> , Vol. 21, No. 1, pp. 26-34, January 1993.	
		WILLIAM S. WEINTRAUB, M.D., et al., "Can Restenosis After Coronary Angioplasty Be Predicted From Clinical Variables?", <u>JACC</u> , Vol. 21, No. 1, pp. 6-14, January 1993.	
		TSUNEKAZU KAKUTA, M.D., et al., "Differences in Compensatory Vessel Enlargement, Not Intimal Formation, Account for Restenosis After Angioplasty in the Hypercholesterolemic Rabbit Model", <u>Circulation</u> , Vol. 89, No. 6, pp. 2809-2815, June 1994.	
		CHRISTINA UNTERBERG, M.D., et al., "Reduced Acute Thrombus Formation Results in Decreased Neointimal Proliferation After Coronary Angioplasty", <u>JACC</u> , Vol. 26, No. 7, pp. 1747-1754, December 1995.	

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		LEWIS W. JOHNSON et al., "Review of Radiation Safety in the Cardiac Catheterization Laboratory", <u>Catheterization and Cardiovascular Diagnosis</u> , Vol. 25, pp. 186-194, 1992.	
		ROGER W. BYHARDT et al., "The Heart and Blood Vessels", <u>Radiation Oncology Rationale, Technique, Results</u> , pp. 277-284, January 1996.	
		C. G. SOARES et al., "Measurement of Radial Dose Distributions Around Small Beta Particle Emitters Using High Resolution Radiochromic Foil Dosimetry" <u>Nuclear Technology Publishing</u> , Vol. 4, No. 1, pp. 367-372, 1992.	
		LOUIS K. WAGNER, Ph.D., et al., Potential Biological Effects Following High X-Ray Dose Interventional Procedures", <u>Journal of Vascular and Interventional Radiology</u> , pp. 71-84, January-February 1994.	
		RON WAKSMAN, M.D., et al., "Intracoronary Low-Dose B-Irradiation Inhibits Neointima Formation After Coronary Artery Balloon Injury in Swine Restenosis Model", <u>Circulation</u> , Vol. 92, No. 10, pp. 3025-3031, November 15, 1995.	
		JOSEPH G. WIEDERMANN, M.D., et al., Intracoronary Irradiation Markedly Reduces Neointimal Proliferation After Balloon Angioplasty in Swine: Persistent Benefit at 6-month Follow-up", <u>JACC</u> , Vol. 25, No. 1, pp. 1451-1456, May 1995.	
		DIETER LIERMANN et al., "Prophylactic Endovascular Radiotherapy to Prevent Intimal Hyperplasia After Stent Implantation in Femoropopliteal Arteries", <u>Cardiovascular and Interventional Radiology</u> , Vol. 17, pp. 12-16, 1994.	
		KEITH L. MARCH, M.D., et al., "8-Methoxypsoralen and Longwave Ultraviolet Irradiation are a Novel Antiproliferative Combination for Vascular Smooth Muscle", <u>Circulation</u> , Vol. 87, No. 1, pp. 184-191, January 1993.	
		BARRY T. KATZEN, M.D., "Mechanical Approaches to Restenosis in the Peripheral Circulation", January 1996.	
		VITALI VERIN, M.D., et al., "Intra-Arterial Beta Irradiation Prevents Neointimal Hyperplasia in a Hypercholesterolemic Rabbit Restenosis Model", <u>Circulation</u> , Vol. 92, No. 8, pp. 2284-2290, October 15, 1995.	
		RON WAKSMAN, M.D., et al., "Intracoronary Radiation Before Stent Implantation Inhibits Neointima Formation in Stented Porcine Coronary Arteries", <u>Circulation</u> , Vol. 92, No. 6, pp. 1383-1386, September 15, 1995.	

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		PCT Search Report PCT/US99/03327 mailed June 18, 1999	
		PCT Search Report PCT/US99/03343 mailed June 17, 1999	
		PCT Search Report PCT/US99/03328 mailed June 18, 1999	
		PCT Search Report PCT/US99/03329 mailed June 18, 1999	
		PCT Search Report PCT/US99/03360 mailed June 17, 1999	
		PCT Search Report for PCT/US01/05136, mailed June 20, 2001	

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